RECEIVED LADAS & PERTURAL FAX CENTER

MAY 2 1 2004

DOCKET: CU: 3495

PATENT

☑ 001/005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application:

Sang Tae AHN et al.

GRP ART UNIT:

Serial No: 10/738,399

Ex.:

Filed: December 17, 2003

For: METHOD FOR FABRICATING ISOLATION LAYER IN SEMICONDUCTOR

Certification under 37 C.F.R. §1.8(a)

The USPTO Central Fax No. (703) 872-9306

Date of Fax Transmittal: May 21, 2004

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted to the United States Patent and Trademark Office to the fax number and on the date indicated above.

William Park, Reg. No. 55 523

The Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (IDS) WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of the first Office Action on the merits, whichever event occurs last. 37 CFR 1.97(b).

No fee is believed to be required in view of the above. However, if this is not the case, the Commissioner is authorized to charge our Deposit Account No. 12-0400 for any required fees.

Date: May 21, 2004

W. William Park, Reg. No. 55,523

Ladas & Parry

224 South Michigan Avenue

Chicago Illinois 60604 Tel. No. (312) 427-1300

DOCKET: CU-3495

. PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application:

Sang Tae AHN et al.

GRP ART UNIT:

Serial No: 10/738,399

Ex.:

Filed: December 17, 2003

For: METHOD FOR FABRICATING ISOLATION LAYER IN SEMICONDUCTOR

DEVICE

Certification under 37 C.F.R. §1.8(a)

The USPTO Central Fax No. (703) 872-9306

Date of Fax Transmittal: May 21, 2004

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted to the United States Patent and Trademark Office to the fax number and on the date indicated above.

William Park, Reg. No. 55,523

The Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT (IDS)

Applicants submit herewith patents, publications or other information of which the applicants are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose under 37 CFR 1.56.

The USPTO rules has recently been revised such that IDS's for applications filed after June 30, 2003 do not need to include paper copies of the US patent references. Accordingly, no paper copies of the U.S. patent references identified in this IDS are submitted herewith since the filing date of the present application is after June 30, 2003. Only the copies of foreign patent and/or other relevant publication references are submitted herewith.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

2

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

The references submitted herein are listed on PTO-1449 form (modified) enclosed herewith. A copy of each reference listed is being furnished except any duplicate or cumulative patents or publications specified otherwise.

The Statement is made on the basis of the information:

supplied by the inventor(s);

- supplied by an individual associated with the filing and prosecution of this application (37 CFR 1.56(c));
- _ in the attorney's file; or
- cited in a corresponding PCT, EPO, and/or foreign application, il any.

The Statement is made on the basis that the present submission of the IDS is before the mailing date of the first Office Action.

Date: _May 21, 2004

W. William Park, Reg. No. 55,523

Ladas & Parry

224 South Michigan Avenue

Chicago Illinois 60604 Tel. No. (312) 427-1300

Respectfully submitted,

3

| _FO | RM_PT | O- | 144 | 19_ | <u>.</u> | | | | | -/ | ATTY. DOCKET NO | | -SEDI/ | <u> </u> | |
|--------------------------|---|-----------------|----------|-----------|----------|------------|--------|-------------------|---------------------------|-------------------|---|--|-------------------------|---------------------------|--|
| | NEODIATION | | | | | | | | CU-3495 | | | SERIAL NO. 10/738,399 | | | |
| . 1 | INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | | | | | | 7 | Applicant | | | | |
| ; | | | | | | | | | | | Sang Tae AHN et al. | | | | |
| | | | | | | | | FILING DATE GROUP | | | | IP | | | |
| (37 CFR 1.98(b)) | | | | | | | | | | December 17, 2003 | | | | | |
| | | U. | .S. T | PA. | TEI | NT | OR | PÜ | BLISHED | U | S. PATENT APPLICA | TION | DOCUM | ENT | |
| EX. | | PATENT OR ISSUE | | | | | | | | | PATENTEE OR CLASS S | | | UB- FILING | |
| | | PUBLICATION NO. | | | | | | | PUBLICATIO DATE | APPLICANT | | | CLA | SS DATE F | |
| | US | 6 | 4 | 4 | 4 | 5 | | 1 | 09.03.02 | | Lai et al. | | _ | | |
| | US | 6 | 0 | 1 | 3 | 5 | 5 | 9 | 01.11.00 | | Wu et al. | 100 | - | | |
| | US | 5 | 9 | 5 9 | 6 | 5 | 9 | 8 | 09.21.99 | | Huang et al. | | | | |
| | US | 5 | 8 | 6 | 6 | 8 | 0 5 | 9 | 04.06.99 | | Chau et al. | | | | |
| | - 00 | - | ٦ | - | ۳ | - | 3 | 9 | 02.02.99 | <u>_</u> | Naem et al. | ļ | | | |
| | | | \dashv | \dashv | - | \vdash | | | | - | <u> </u> | - | | | |
| | | | \neg | ヿ | | - | - | ᅱ | · · · · · · | - | | ╂ | | | |
| | | | T | | | | 7 | | | - | 2 2 | | | | |
| | | | | T | | | | \neg | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | _ [| | | | 7 | | 7 | | | | | |
| - EXAMIN | | FOF | REI | GN | I P | ÁTI | EN | | R PUBLI: | SI | HED FOREIGN PATE | NT A | PPLICA | TION | |
| EXAMIN GH (NIYIAL | F | FOF | REI | GN | I P | ÁTE | EN BEF | | R PUBLIS PUBLICATION DATE | SI | HED FOREIGN PATE COUNTRY OR PATENT OFFICE | NT A | PPLICA SUB- CLASS | TION TRANSLATION VES INO | |
| ETAMIN CH (NIYIAL | | =OF | REI | GN MEN | I PA | ÁTE NÚM | EN BEF | | CODLICATION | SI | COUNTRY OR | NT A | SUB- | TION TRANSLATION VES I NO | |
| EXAMIN GH (NIYIAL | | =OF | REI | GN MEN | P. | ÁTI NUM | EN BEF | | CODLICATION | SI | COUNTRY OR | NT A | SUB- | TION TRAI STATION VES NO | |
| ERAMIN GRI (NIYAL | F | OF | SEI CU | GN MEN | I P. | ÁTE NÚM | EN BEF | | CODLICATION | SI | COUNTRY OR | NT A | SUB- | TION TRAISATION YES NO | |
| ERAMIN CAI (NIYIAL | | FOF DC | REIV | GN | I P. | ATI | EN BEF | | CODLICATION | SH | COUNTRY OR | ENT A | SUB- | TIOIN TWE SLATION NO | |
| ERAMIN GRI | | | | | | | | | DATE | | COUNTRY OR PATENT OFFICE | CLASS | CLASS | TRA: SLATION VES NO | |
| ERAMIN GRI INITIAL | | | | | | | | | DATE | | COUNTRY OR | CLASS | CLASS | TRA: SLATION VES NO | |
| ERAMIN RES | | | | | | | | | DATE | | COUNTRY OR PATENT OFFICE | CLASS | CLASS | TRA: SLATION VES NO | |
| EXAMIN CS (NITIAL | | | | | | | | | DATE | | COUNTRY OR PATENT OFFICE | CLASS | CLASS | TRA: SLATION VES NO | |
| EXAMIN CON (NITIAL | | | | | | | | | DATE | | COUNTRY OR PATENT OFFICE | CLASS | CLASS | TRA: SLATION VES NO | |
| EXAMIN CS (NITIAL | | | | | | | | | DATE | | COUNTRY OR PATENT OFFICE | CLASS | CLASS | TRA: SLATION VES NO | |
| MITIAL | | | | | | | | | DATE | | COUNTRY OR PATENT OFFICE | CLASS | CLASS | TRA: SLATION VES NO | |
| ERAMIN GRI (NITTAL) | | | | | | | | | DATE | | COUNTRY OR PATENT OFFICE | CLASS | CLASS | TRA: SLATION VES NO | |
| Nimal | C | DTH | ER | DO | 000 | UM | IEN | ITS | (Includin | ig | Author, Title, Date, P | Place | of public | TRA: SLATION VES NO | |
| !Nimal | ner: Init | DTH tial c | ER | . DC | 000 | UM | IEN | ITS | (Includin | ig | Author, Title, Date, P | Place | of public | TRA: SLATION VES NO | |
| !Nimal | ner: Init | DTH tial c | ER | . DC | 000 | UM | IEN | ITS | (Includin | ig | Author, Title, Date, P | Place | of public | TRA: SLATION VES NO | |
| Ninal | ner: Init | DTH tial c | ER | . DC | 000 | UM | IEN | ITS | (Includin | ig | Author, Title, Date, P | Place | of publication | TRA: SLATION VES NO | |